Replication Documentation and Instructions for "Do Welfare Benefits Pay Electoral Dividends? Evidence from the National Food Stamp Program Rollout"

This document provides a step-by-step guide for replicating the results reported in the manuscript and documents the original sources for the data used. If you have questions, please contact me at kogan.18@osu.edu.

Main Replication of Tables:

To replicate the results reported in the body and appendices of the manuscript, run the "Main Replication Code" do file using the **PresidentialReplication.dta** file. Note that running the do file will also generate some additional files that will be used to produce figures, so executing this step first is necessary to replicate some of the figures.

Codebook for PresidentialReplication.dta:

- **FIPS_State**: Two-digit state FIPS code.
- **FIPS_County**: Three-digit FIPS county code (unique within but not across states).
- **Fips**: Five-digit id, combining the two-digit state and three-digit county FIPS codes (unique for all counties).
- **Dem**: Total votes cast for the Democratic presidential candidate. Source: ICPSR Study #13, "General Election Data for the United States, 1950-1990."
- **Rep**: Total votes cast for the Republican presidential candidate. Source: ICPSR Study #13, "General Election Data for the United States, 1950-1990."
- **Tot_Votes**: Total votes cast in the presidential election, inclusive of third-parties. Source: ICPSR Study #13, "General Election Data for the United States, 1950-1990."
- **Elect_Year**: Election year.
- **dem_1960_share**: Democratic share of the two-party vote from the 1960 presidential election. Source: ICPSR Study #13, "General Election Data for the United States, 1950-1990."
- **statename**: Name of state.
- **countyname**: Name of county.
- **fs_month**: Number of calendar month in which the first food stamps caseloads were reported. Source: Replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **fs_year**: Calendar year in which the first food stamps caseloads were reported. Source: Replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **rollout_time**: Recoded date for first recorded food stamp enrollment.
- **election_time**: Recoded date for election.
- **time_since_rollout**: Difference in days between election and rollout. Negative numbers indicate that election took place after first food stamp enrollment in the county.

- **farmlandpct60**: Percent farm land in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **inc3k60**: Percent of households with annual income under $3,000 in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **pop60**: Total population in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **urban60**: Percent urban in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **black60**: Percent black in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **age560**: Percent of population five years old and under in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **age6560**: Percent of population sixty-five years old and over in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **age6560**: Percent of population sixty-five years old and over in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **employagpct60**: Percent of population employed in agriculture in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **poverty60**: Poverty rate in 1960. Source: 1960 *City County Data Book*, taken from replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **caseload_percent**: Average food stamp caseloads between 1975 and 1978, as a percent of 1970 population. Source: Calculated using case load counts in the replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **high_caseload**: Dummy variable indicating that county had higher **caseload_percent** than the sample median.
- **high_poverty**: Dummy variable indicating that county had higher **poverty60** than the sample median.
- **high_agg**: Dummy variable indicating that county had higher **employagpct60**than the sample median.

Main Replication of Figures:

To replicate the figures featured in the manuscript, run the "Figure Replication Code" R file. The R code uses files generated by the main replication code, as well as several ancillary files:

- **fsrollout.dta**: Contains month and year of first reported food stamp caseloads. Source: Replication data for Hoynes, Schanzen-bach and Almond (2016), available here at https://www.aeaweb.org/aer/data/10604/20130375_data.zip
- **1970pop.dta**: County population in 1970. Source: U.S. Census Bureau

Replication of Table 2:

To replicate Table 2, run the "Table 2 Replication" do file. This file uses several other files (**hous88kh.dta, HOU91kh.dta, hou93kh.dta**) containing U.S. House of Representatives roll call votes from the 88th, 91st, and 93rd congresses. The roll call vote data was downloaded from Voteview.com. I treat "Yea," "Paired Yea", and "Announced Yea" as "Yes" votes and "Announced Nay," "Paired Nay," and "Nay" as "No" votes. Abstentions are excluded from the denominator for calculating the percentages.